



Ripe & Ready Studies and Projects Update – October 2009

Study	Description	Status
Upstream Storage Phase 2 Feasibility Study	Assisting Lewis County PUD evaluation of water storage facilities on the upper Chehalis River.	Proceeding via interlocal agreement with Lewis County PUD.
Skookumchuck Dam Modification Feasibility	Conduct a feasibility study to determine if some modification can allow for faster drawdown of the reservoir during flood events.	TransAlta is discussing alternatives with the Corps.
Early Warning Program	Work with emergency management staff of local jurisdictions to design and implement a system to successfully warn citizens in advance of an anticipated flood event.	The Flood Authority will be asked to approve a contract with WEST Consultants at the 10/15 Authority meeting.
Ecosystem Services	Conduct an economic analysis to value flood protection and other ecosystem services in the basin to help select projects.	Proceeding via Earth Economics.
Lower-basin Hydraulic Model	Develop a model for the basin below Grand Mound to provide consistent information with the upper-basin model.	ESA Adolfson is coordinating with FEMA on potential partnership. Scoping meetings are expected to be held in October.
Seamless LiDAR	Fill gaps in basin LiDAR information to provide consistent topographical information for modeling and analysis.	The Flood Authority will be asked to approve a scope and cost for acquiring LiDAR data at 10/15 Flood Authority meeting.
Decision Support Tool (DST)	Support USGS in developing a tool to accurately predict runoff in the basin.	The Corps is working with USGS to incorporate the Decision Support Tool into the General Investigation.
Related Efforts		
General Investigation (GI)	Participate in an effort to study and develop projects for ecosystem restoration and flood control in the Chehalis basin.	The Board Advisory Committee and ESA Adolfson are representing the Flood Authority in a work group for development of the Project Management Plan.